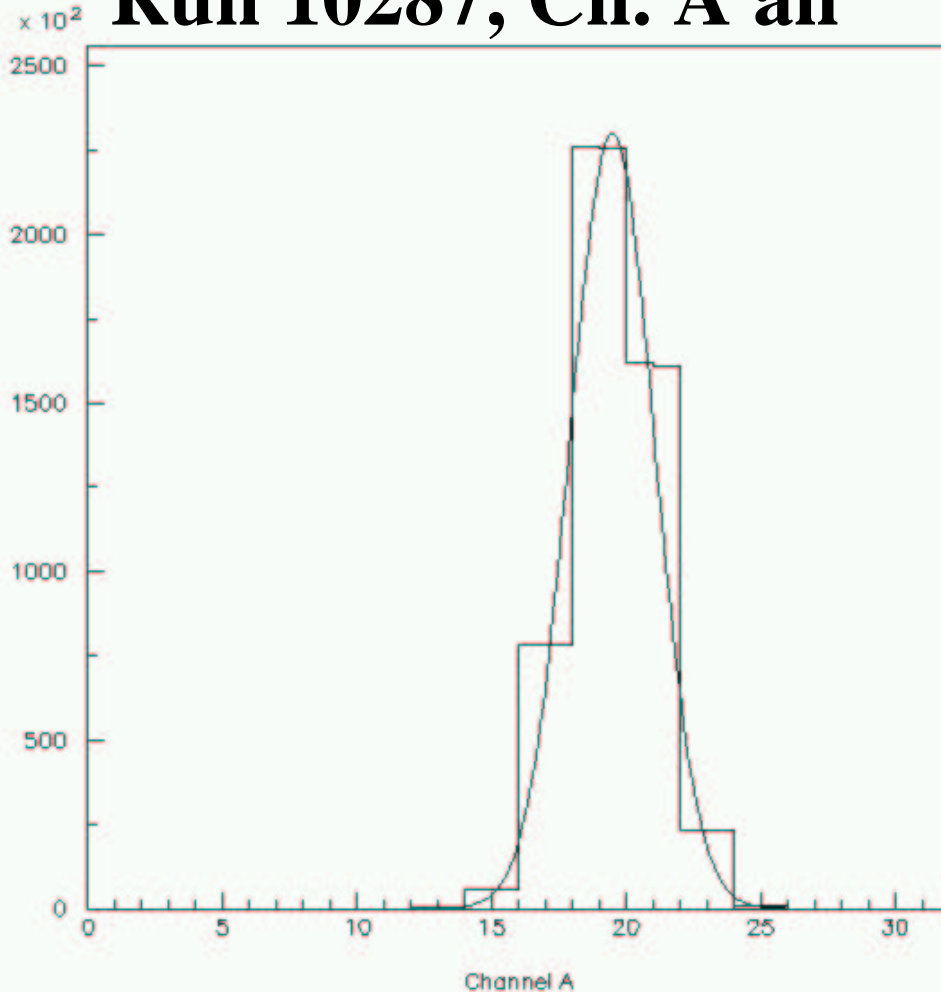


Run 10287, Ch. A all



but channel A is perfect gaussian when observed on the scope

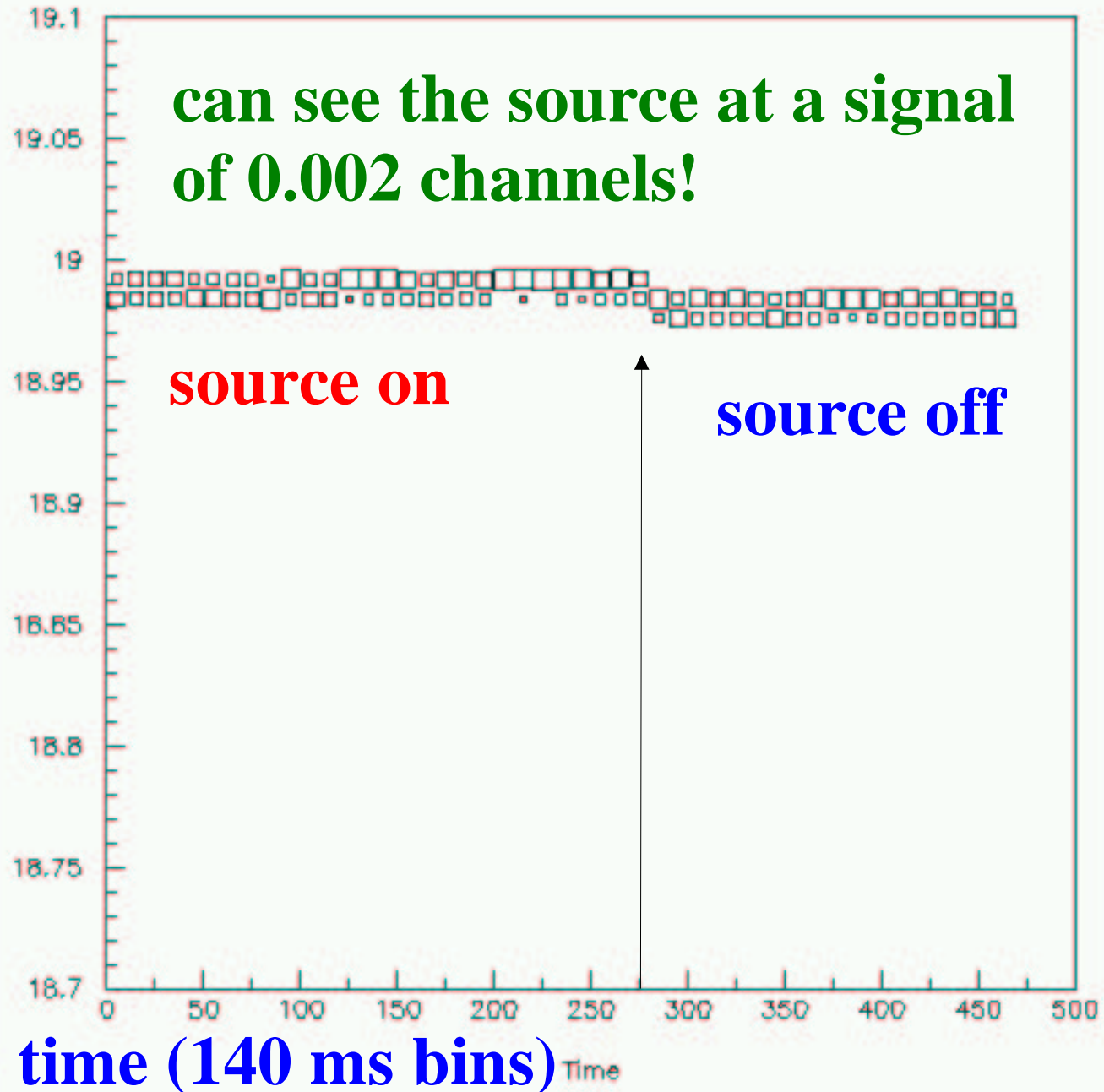
bad solder joint?

bad HTR FPGA code?

EXT	PARAMETER			STEP	FIRST
NO.	NAME	VALUE	ERROR	SIZE	DERIVATIVE
1	Constant	0.23023E+06	287.01	0.0000	-0.12522E-04
2	Mean	19.481	0.16445E-02	0.0000	6.9287
3	Sigma	1.5711	0.10629E-02	0.0000	25.113
CHISQUARE = 0.3831E+04 NPFIT = 25					

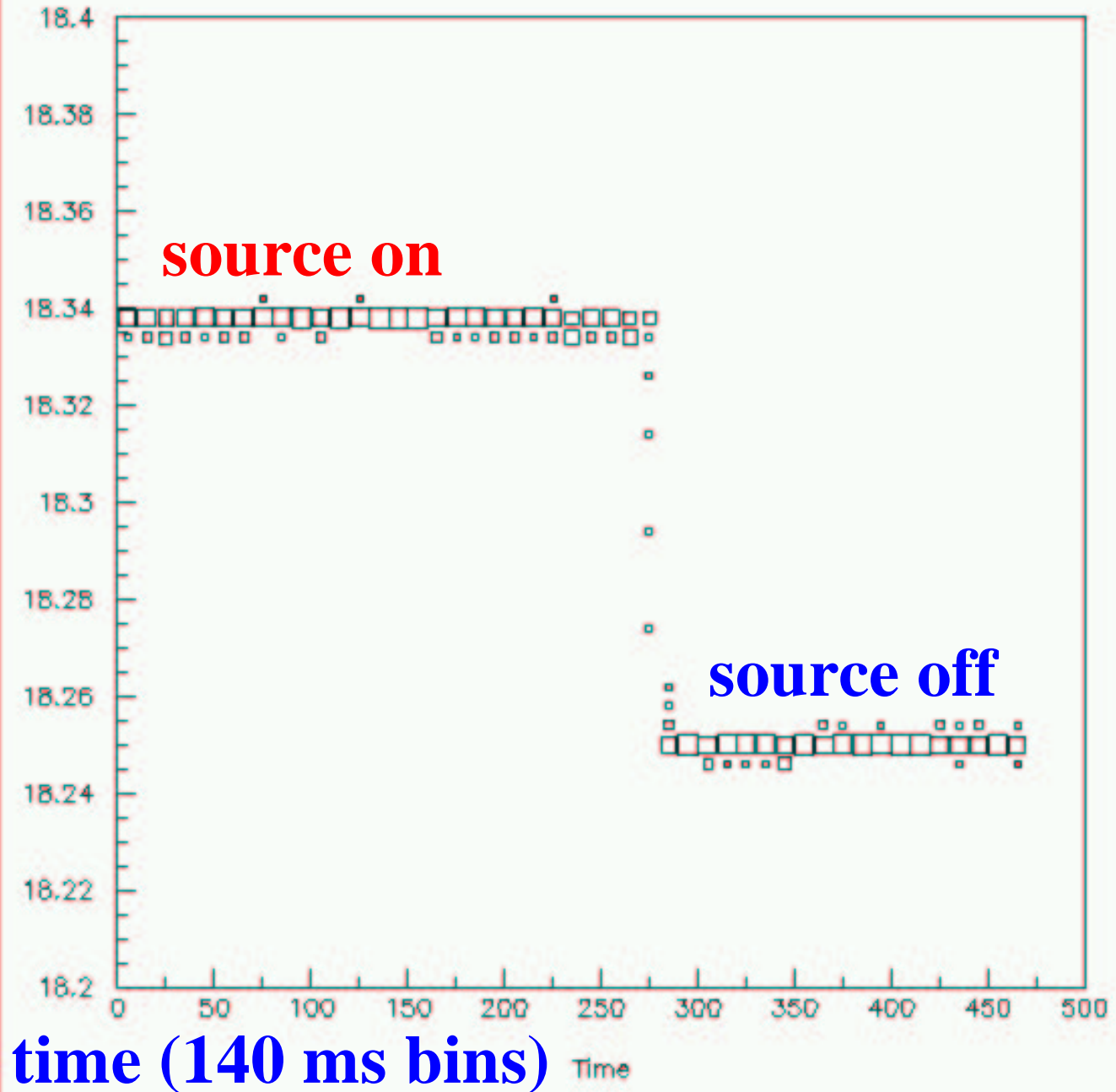
Run 10287, Ch. A all

Mean
(channels)



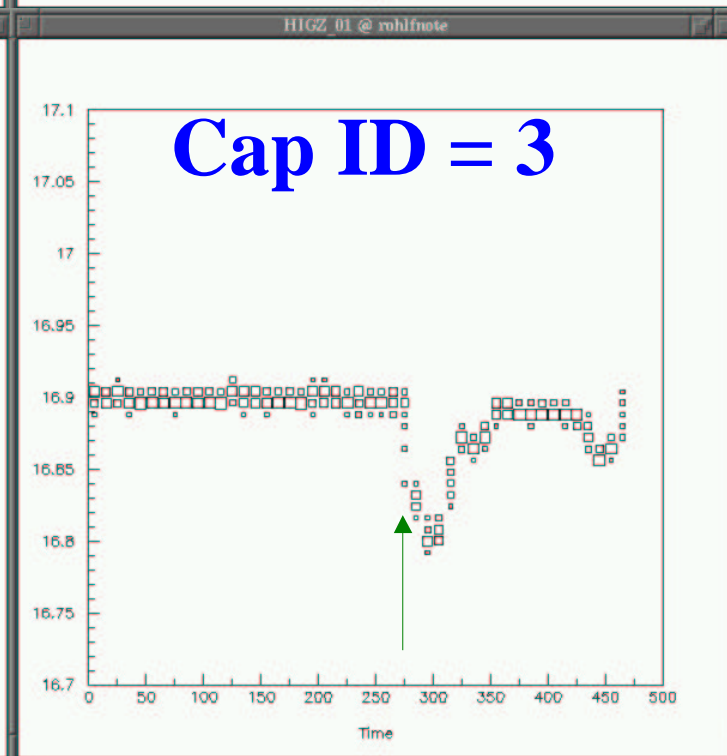
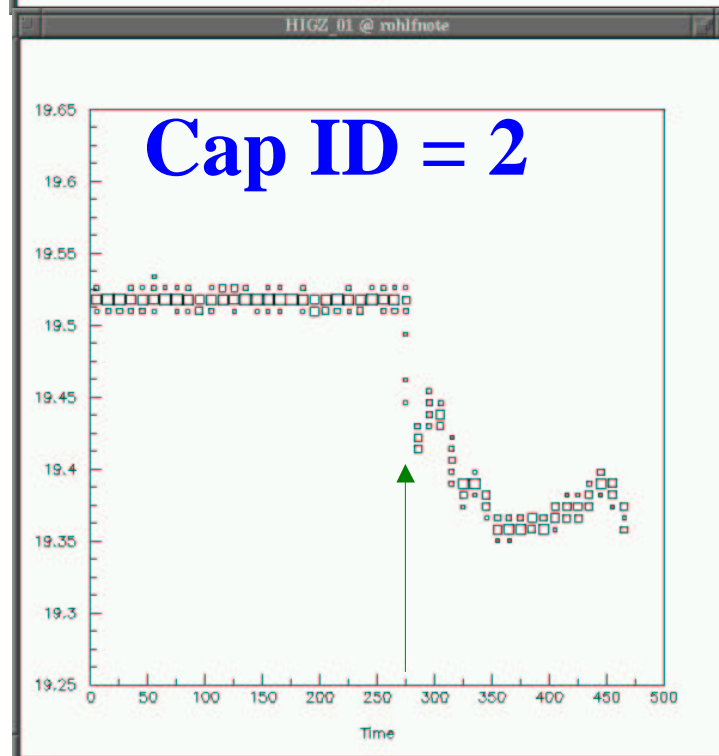
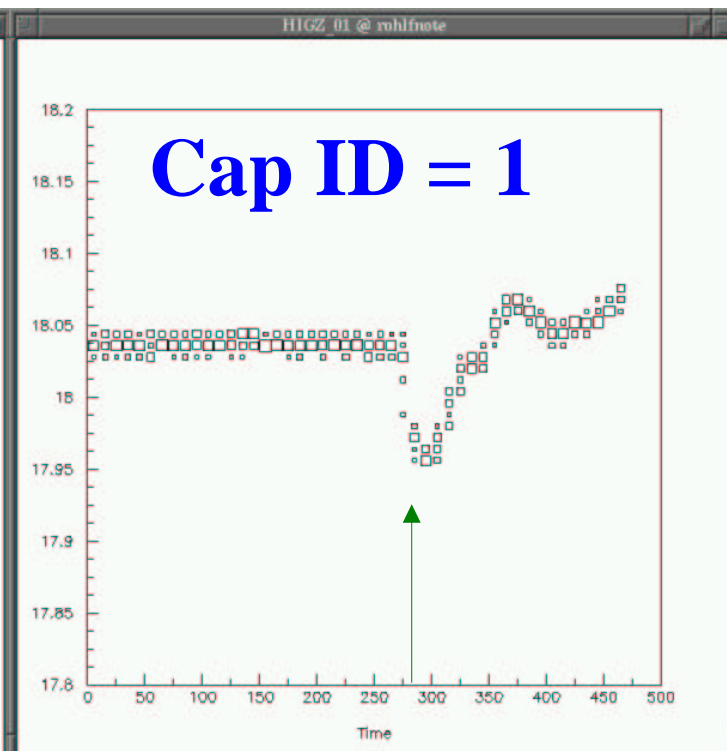
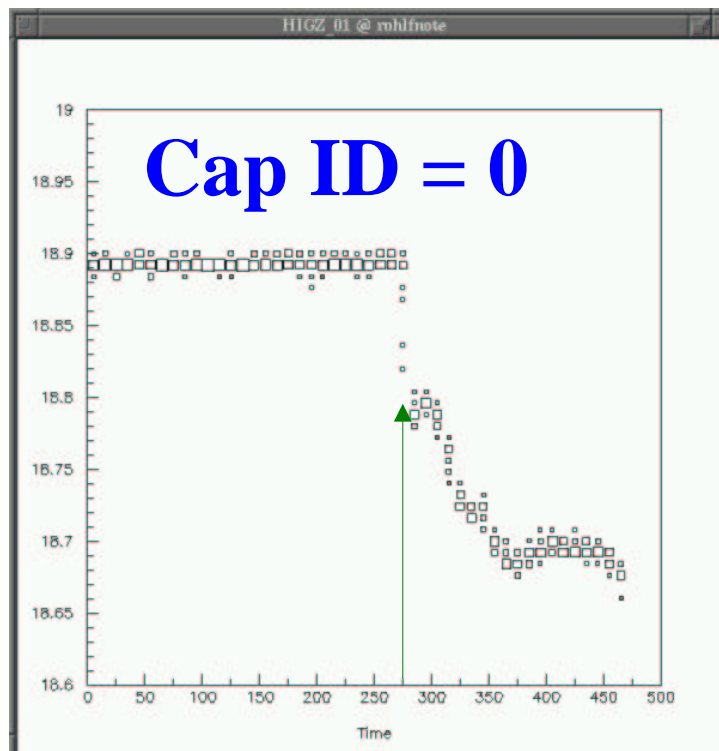
Run 10287, Ch. B, all Caps

Mean
(channels)



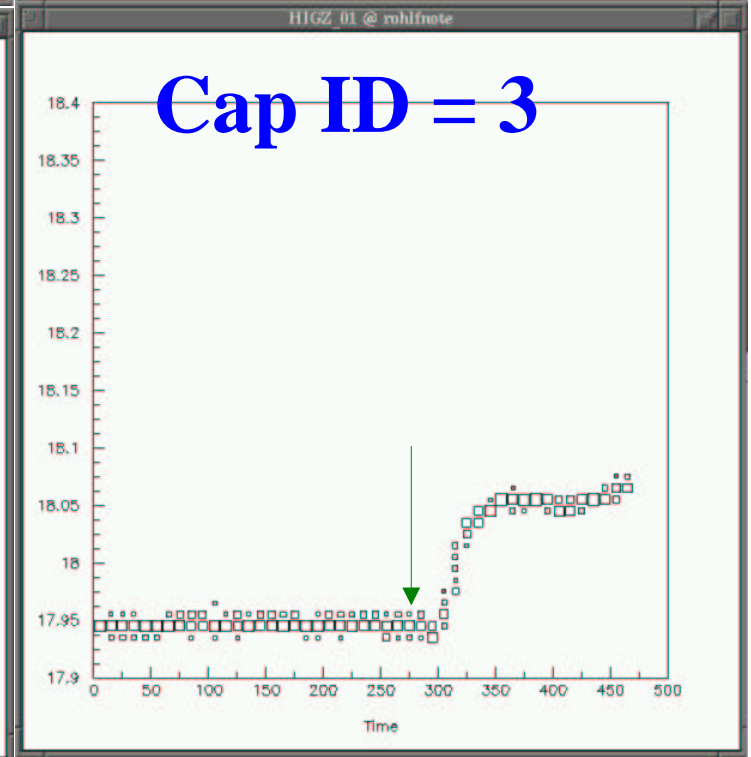
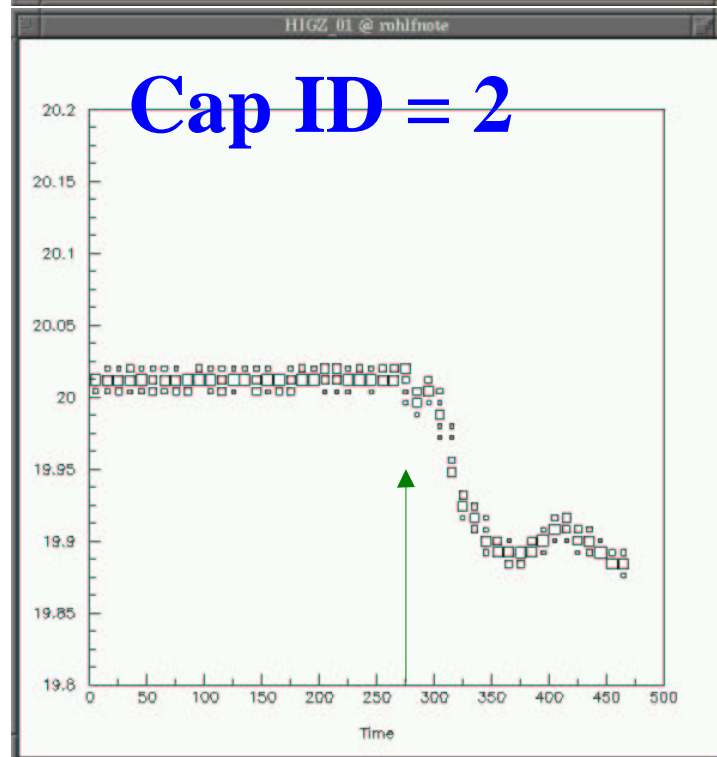
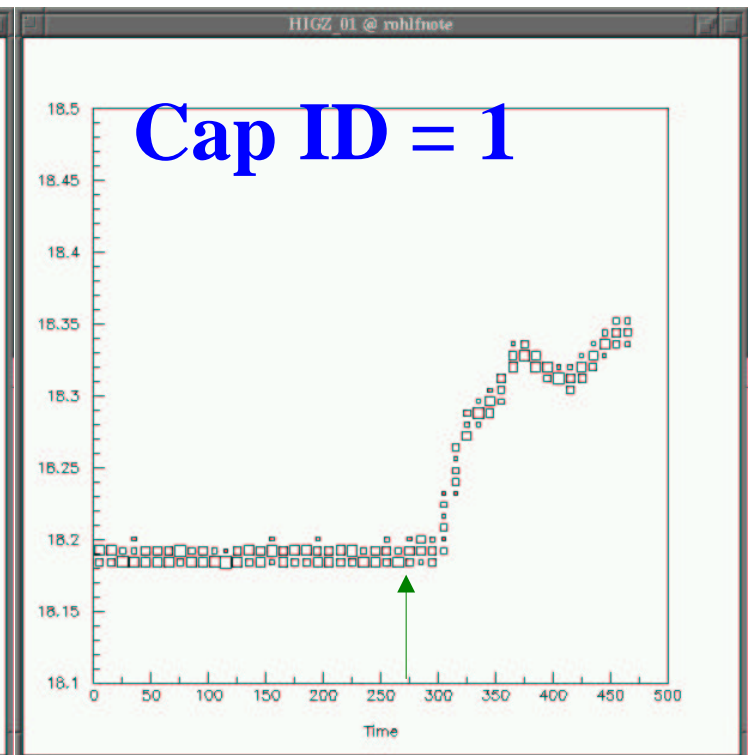
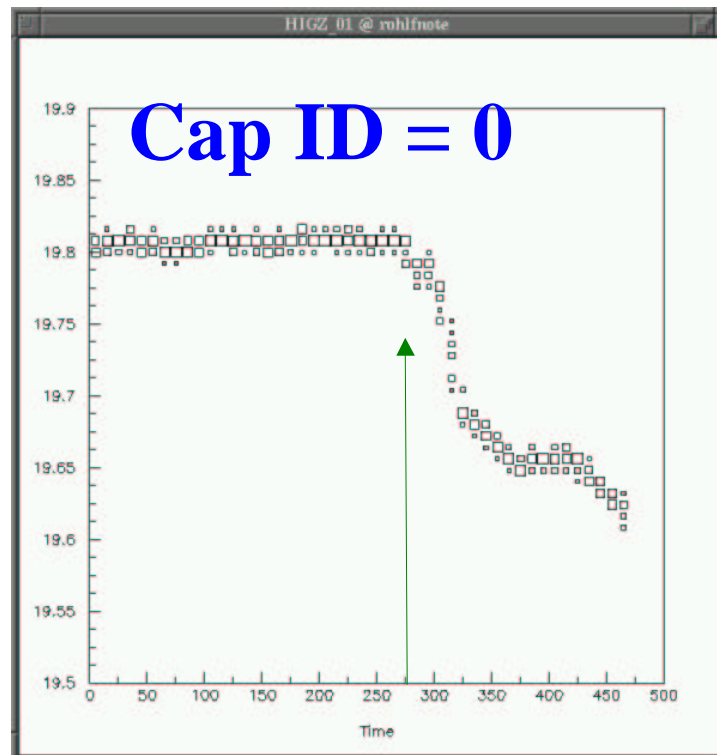
Run 10287

Ch. B

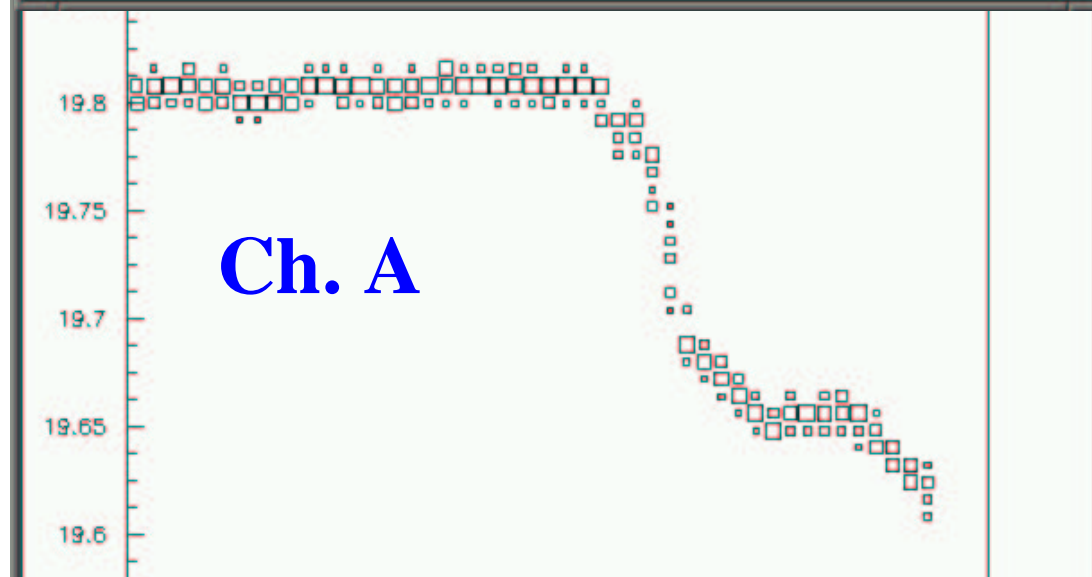
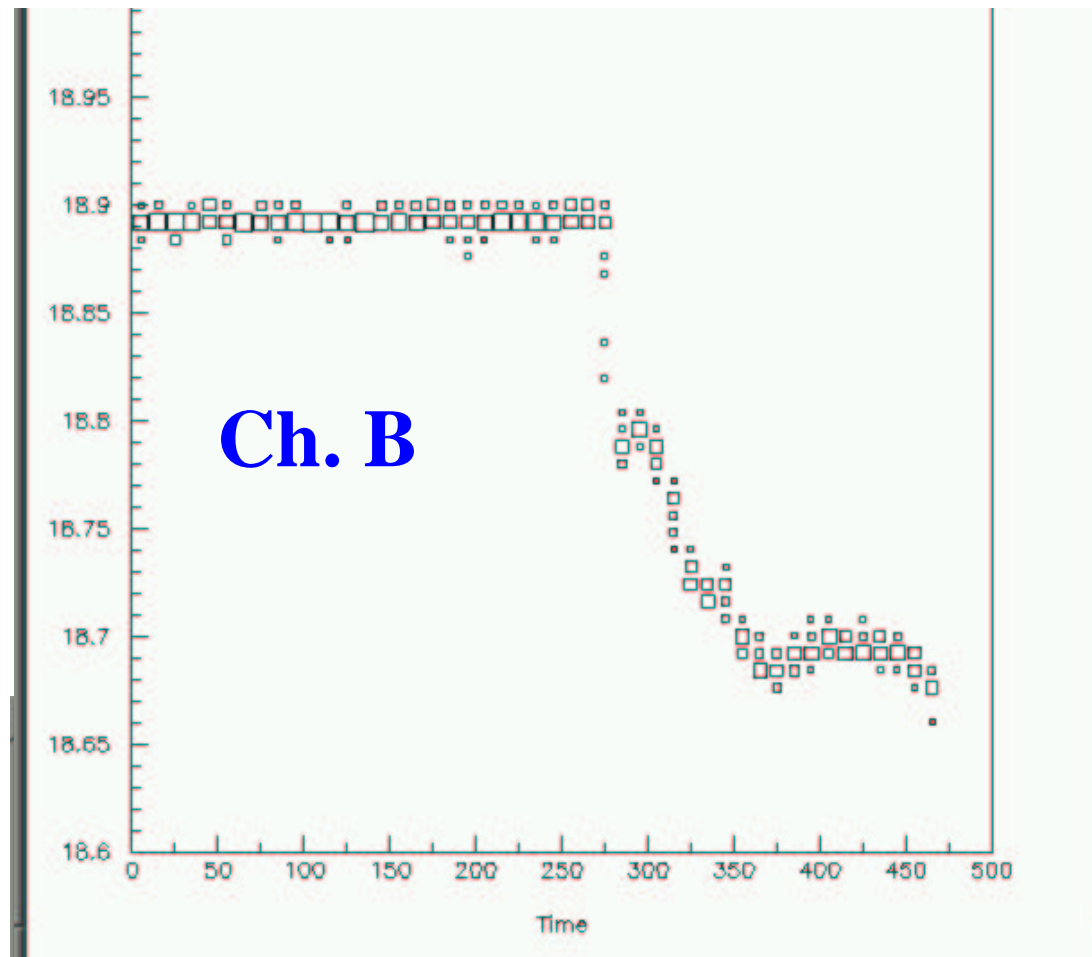


Run 10287

Ch. A



Cap ID = 0



Preliminary conclusion:

**correlated drifting of the individual caps
on a scale of 0.1 channels in response to
a signal (large or small) appears to be
clock-induced**